

|   | Type | Hits | Search Text  | DBs   | Time Stamp       |
|---|------|------|--|-------|------------------|
| 1 | IS&R | 10   | ((("6 242 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283")).PN.   | USPAT | 2003/03/08 12:35 |
| 2 | IS&R | 0    | ("002 3 4").PN.  | USPAT | 2003/03/08 12:35 |
| 3 | BRS  | 2    | ((((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917") or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.) (((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317")).PN.) (((("6 242 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283")).PN.)) and 324/\$.ccls. | USPAT | 2003/03/10 08:39 |
| 4 | IS&R | 14   | ((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917") or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.  | USPAT | 2003/03/08 12:51 |

|   | Type | Hits | Search Text   | DBs   | Time Stamp       |
|---|------|------|---|-------|------------------|
| 5 | BRS  | 41   | <pre> (((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917")) or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.) (((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317")).PN.) (((("6 242 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283")).PN.) </pre> | USPAT | 2003/03/10 09:43 |
| 6 | BRS  | 10   | <pre> (6242623B1 6225487B1 6225550B1 6248540B1 6260407B1 6265601B1 6265226B1 6268513B1 6294388B1 6296771B1 "6092414" "6050138" "6040193" "6033913" "6010616" "5999887" "5922967" "5892157" "5877428" 5,847,283).pn. </pre>  | USPAT | 2003/03/08 13:20 |

|   | Type | Hits | Search Text   | DBs   | Time Stamp              |
|---|------|------|---|-------|-------------------------|
| 7 | BRS  | 10   | (6242623B1<br>6225487B1<br>6225550B1<br>6248540B1<br>6260407B1<br>6265601B1<br>6265226B1<br>6268513B1<br>6294388B1<br>6296771B1<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn. | USPAT | 2003/<br>03/08<br>13:11 |
| 8 | BRS  | 19   | (6242623B1<br>"6225487"<br>"6225550"<br>"6248540"<br>"6260407"<br>"6265601"<br>"6265226"<br>"6268513"<br>"6294388"<br>"6296771"<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn. | USPAT | 2003/<br>03/10<br>10:03 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp       |
|----|------|------|---|-------|------------------|
| 9  | BRS  | 42   | <p>         (((("5776359") or ("5959297") or<br/>         ("5,985.356") or ("6004617") or ("6013199")<br/>         or ("6030917") or ("6034775") or ("6034240")<br/>         or ("6043363") or ("6045671") or ("6087181")<br/>         or ("6124476") or ("6151123") or ("6149882")<br/>         or ("6157449") or ("6 175 409 B1") or ("6<br/>         177 528 B1") or ("6 182 499 B1") or ("6 187<br/>         164 B1") or ("6 203 726 B 1")).PN.)<br/>         (((("5817947") or ("5723792") or ("5532942")<br/>         or ("5520042") or ("5517860") or ("5452614")<br/>         or ("5,438,863") or ("5437192") or<br/>         ("5398885") or ("5269190") or ("5092179") or<br/>         ("4899581") or ("4715007") or ("4699000") or<br/>         ("4605589") or ("4975320") or<br/>         ("6043317")).PN.) (((("6 242 623 B 1") or ("6<br/>         225 487 B1") or ("6 225 550 B1") or ("6 248<br/>         540 B1") or ("6 260 407 B1") or ("6 265 601<br/>         B 1") or ("6 265 226 B 1") or ("6 268 513 B<br/>         1") or ("6 294 388 B1") or ("6 296 771 B 1")<br/>         or ("6092414") or ("6050138") or ("6040193")<br/>         or ("6033913") or ("6010616") or ("5999887")<br/>         or ("5922967") or ("5892157") or ("5877428")<br/>         or ("5,847,283")).PN.)) "175" "409" B1<br/>         (((("5776359") or ("5959297") or<br/>         ("5,985.356") or ("6004617") or ("6013199")<br/>         or ("6030917") or ("6034775") or ("6034240")<br/>         or ("6043363") or ("6045671") or ("6087181")<br/>         or ("6124476") or ("6151123") or ("6149882")<br/>         or ("6157449") or ("6 175 409 B1") or ("6<br/>         177 528 B1") or ("6 182 499 B1") or ("6 187<br/>         164 B1") or ("6 203 726 B 1")).PN.)<br/>         (((("5817947") or ("5723792") or ("5532942"))       </p> | USPAT | 2003/03/08 13:14 |
| 10 | BRS  | 5    | <p>         ("6175409"<br/>         "6177528"<br/>         "6182499"<br/>         "6187164"<br/>         "6203726").pn.       </p>  | USPAT | 2003/03/08 13:15 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp       |
|----|------|------|---|-------|------------------|
| 11 | BRS  | 11   | ("6242623"<br>6225487B1<br>6225550B1<br>6248540B1<br>6260407B1<br>6265601B1<br>6265226B1<br>6268513B1<br>6294388B1<br>6296771B1<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn. | USPAT | 2003/03/08 13:20 |
| 12 | BRS  | 1    | 5985356.pn.   | USPAT | 2003/03/08 14:12 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp       |
|----|------|------|---|-------|------------------|
| 13 | BRS  | 53   | ("1870412"<br>"3071961"<br>"3675475"<br>"3713328"<br>"3798960"<br>"3805598"<br>"3818751"<br>"3849874"<br>"3895513"<br>"3908441"<br>"3933032"<br>"4229979"<br>"4447125"<br>"4517830"<br>"4567774"<br>"4570478"<br>"4599219"<br>"4602501"<br>"4680958"<br>"4685328"<br>"4740078"<br>"4749854"<br>"4789236"<br>"4793174"<br>"4829837"<br>"4893500"<br>"4899575"<br>"4932270"<br>"5008081"<br>"5051239"<br>"5115669"<br>"5142900" | USPAT | 2003/03/08 14:24 |

|    | Type | Hits | Search Text   | DBs  | Time Stamp              |
|----|------|------|---|--|-------------------------|
| 14 | BRS  | 1    | ( ("1870412"<br>"3071961"<br>"3675475"<br>"3713328"<br>"3798960"<br>"3805598"<br>"3818751"<br>"3849874"<br>"3895513"<br>"3908441"<br>"3933032"<br>"4229979"<br>"4447125"<br>"4517830"<br>"4567774"<br>"4570478"<br>"4599219"<br>"4602501"<br>"4680958"<br>"4685328"<br>"4740078"<br>"4749854"<br>"4789236"<br>"4793174"<br>"4829837"<br>"4893500"<br>"4899575"<br>"4932270"<br>"5008081"<br>"5051239"<br>"5115669"<br>"5142900" | USPAT  | 2003/<br>03/08<br>14:25 |
| 15 | BRS  | 2    | WO-9611878-\$.did.  | USPAT<br>;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:41 |
| 16 | BRS  | 0    | WO-0051720-\$.did.  | USPAT<br>;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERWE<br>NT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:41 |

|    | Type | Hits | Search Text           | DBs  | Time Stamp              |
|----|------|------|-----------------------|--|-------------------------|
| 17 | BRS  | 0    | WO-0179949-\$ .did.   | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:45 |
| 18 | BRS  | 2    | WO-9918431-\$ .did.   | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:44 |
| 19 | BRS  | 2    | EP-317356-\$ .did.    | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:45 |
| 20 | BRS  | 0    | WO-0179949A2-\$ .did. | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:45 |
| 21 | BRS  | 0    | WO-0017413-\$ .did.   | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:46 |

|    | Type | Hits | Search Text         | DBs  | Time Stamp              |
|----|------|------|---------------------|--|-------------------------|
| 22 | BRS  | 0    | WO-0017413-\$.did.  | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:47 |
| 23 | BRS  | 0    | WO-0023921-\$.did.  | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:47 |
| 24 | BRS  | 0    | WO-00/23921-\$.did. | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>08:47 |
| 25 | BRS  | 0    | WO-0023921-\$.did.  | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>09:19 |
| 26 | BRS  | 1    | 20030041676.pn.     | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/<br>03/10<br>09:19 |

|    | Type | Hits | Search Text   | DBs  | Time Stamp       |
|----|------|------|---|--|------------------|
| 27 | BRS  | 2    | WO-9815501-\$ did.  | USPAT;<br>US-PG<br>PUB;<br>EPO;<br>JPO;<br>DERVENT;<br>IBM_T<br>DB | 2003/03/10 09:37 |
| 28 | IS&R | 17   | ((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317"))).PN.   | USPAT  | 2003/03/10 09:38 |
| 29 | BRS  | 41   | (((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917") or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.)<br>(((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317"))).PN.) (((("6 242, 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283"))).PN.) | USPAT  | 2003/03/10 09:45 |

|    | Type | Hits | Search Text  | DBs   | Time Stamp       |
|----|------|------|--|-------|------------------|
| 30 | BRS  | 10   | <p>((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917") or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.)</p> <p>((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317")).PN.)</p> <p>((("6 242 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283")).PN.) ) and piezoelectric</p>                                    | USPAT | 2003/03/10 10:02 |
| 31 | BRS  | 0    | <p>((("5776359") or ("5959297") or ("5,985.356") or ("6004617") or ("6013199") or ("6030917") or ("6034775") or ("6034240") or ("6043363") or ("6045671") or ("6087181") or ("6124476") or ("6151123") or ("6149882") or ("6157449") or ("6 175 409 B1") or ("6 177 528 B1") or ("6 182 499 B1") or ("6 187 164 B1") or ("6 203 726 B 1")).PN.)</p> <p>((("5817947") or ("5723792") or ("5532942") or ("5520042") or ("5517860") or ("5452614") or ("5,438,863") or ("5437192") or ("5398885") or ("5269190") or ("5092179") or ("4899581") or ("4715007") or ("4699000") or ("4605589") or ("4975320") or ("6043317")).PN.)</p> <p>((("6 242 623 B 1") or ("6 225 487 B1") or ("6 225 550 B1") or ("6 248 540 B1") or ("6 260 407 B1") or ("6 265 601 B 1") or ("6 265 226 B 1") or ("6 268 513 B 1") or ("6 294 388 B1") or ("6 296 771 B 1") or ("6092414") or ("6050138") or ("6040193") or ("6033913") or ("6010616") or ("5999887") or ("5922967") or ("5892157") or ("5877428") or ("5,847,283")).PN.) ) and piezoelectric)</p> <p>and (plural\$3 adj sample)</p> | USPAT | 2003/03/10 10:04 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp       |
|----|------|------|---|-------|------------------|
| 32 | BRS  | 19   | (6242623B1<br>"6225487"<br>"6225550"<br>"6248540"<br>"6260407"<br>"6265601"<br>"6265226"<br>"6268513"<br>"6294388"<br>"6296771"<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn.   | USPAT | 2003/03/10 10:03 |
| 33 | BRS  | 0    | (((("5776359") or ("5959297") or<br>("5,985.356") or ("6004617") or ("6013199")<br>or ("6030917") or ("6034775") or ("6034240")<br>or ("6043363") or ("6045671") or ("6087181")<br>or ("6124476") or ("6151123") or ("6149882")<br>or ("6157449") or ("6 175 409 B1") or ("6<br>177 528 B1") or ("6 182 499 B1") or ("6 187<br>164 B1") or ("6 203 726 B 1")).PN.)<br>(((("5817947") or ("5723792") or ("5532942")<br>or ("5520042") or ("5517860") or ("5452614")<br>or ("5,438,863") or ("5437192") or<br>("5398885") or ("5269190") or ("5092179") or<br>("4899581") or ("4715007") or ("4699000") or<br>("4605589") or ("4975320") or<br>("6043317")).PN.) (((("6 242 623 B 1") or ("6<br>225 487 B1") or ("6 225 550 B1") or ("6 248<br>540 B1") or ("6 260 407 B1") or ("6 265 601<br>B 1") or ("6 265 226 B 1") or ("6 268 513 B<br>1") or ("6 294 388 B1") or ("6 296 771 B 1")<br>or ("6092414") or ("6050138") or ("6040193")<br>or ("6033913") or ("6010616") or ("5999887")<br>or ("5922967") or ("5892157") or ("5877428")<br>or ("5,847,283")).PN.) ) and piezoelectric<br>and (plural\$3 adj sample) | USPAT | 2003/03/10 10:04 |

|    | Type | Hits | Search Text  | DBs   | Time Stamp              |
|----|------|------|--|-------|-------------------------|
| 34 | BRS  | 5    | ((6242623B1<br>"6225487"<br>"6225550"<br>"6248540"<br>"6260407"<br>"6265601"<br>"6265226"<br>"6268513"<br>"6294388"<br>"6296771"<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn.<br>) and (plural\$3 adj sample)                       | USPAT | 2003/<br>03/10<br>10:04 |
| 35 | BRS  | 0    | ((6242623B1<br>"6225487"<br>"6225550"<br>"6248540"<br>"6260407"<br>"6265601"<br>"6265226"<br>"6268513"<br>"6294388"<br>"6296771"<br>"6092414"<br>"6050138"<br>"6040193"<br>"6033913"<br>"6010616"<br>"5999887"<br>"5922967"<br>"5892157"<br>"5877428"<br>5,847,283) .pn.<br>) and (plural\$3 adj sample)) and<br>piezoelectric | USPAT | 2003/<br>03/10<br>10:33 |
| 36 | BRS  | 152  | 324/76.49.cccls.   | USPAT | 2003/<br>03/10<br>10:33 |
| 37 | BRS  | 17   | 324/76.49.cccls. and piezoelectric   | USPAT | 2003/<br>03/10<br>10:37 |
| 38 | BRS  | 2    | 324/76.49.cccls. and (force with<br>piezoelectric)   | USPAT | 2003/<br>03/10<br>10:38 |

|    | Type | Hits | Search Text  | DBs   | Time Stamp       |
|----|------|------|--|---|------------------|
| 39 | BRS  | 99   | 324/\$.ccls. and (force with piezoelectric)  | USPAT                                       | 2003/03/10 10:38 |
| 40 | BRS  | 243  | 324/\$.ccls. and (voltage with piezoelectric)  | USPAT                                       | 2003/03/10 11:05 |
| 41 | BRS  | 55   | (324/\$.ccls. and (force with piezoelectric)) and (324/\$.ccls. and (voltage with piezoelectric))  | USPAT                                       | 2003/03/10 10:39 |
| 42 | BRS  | 18   | 324/\$.ccls. and ((applied adj voltage) with piezoelectric)  | USPAT                                       | 2003/03/10 11:06 |
| 43 | BRS  | 2    | (324/\$.ccls. and ((applied adj voltage) with piezoelectric)) and ((324/\$.ccls. and (force with piezoelectric)) and (324/\$.ccls. and (voltage with piezoelectric)))  | USPAT                                       | 2003/03/10 11:06 |
| 44 | BRS  | 14   | "5959297"  | USPAT                                       | 2003/03/10 11:16 |
| 45 | BRS  | 1    | 5959297.pn.  | USPAT                                       | 2003/03/10 11:17 |
| 46 | BRS  | 28   | (US-6260407-\$ or US-6078174-\$ or US-6137300-\$ or US-5225771-\$ or US-5103557-\$ or US-4467271-\$ or US-4811246-\$ or US-5764068-\$ or US-5532942-\$ or US-5520042-\$ or US-4715007-\$ or US-6040193-\$ or US-6045671-\$ or US-6033913-\$ or US-6010616-\$ or US-6004617-\$ or US-5959297-\$ or US-5847283-\$ or US-6265226-\$ or US-6294388-\$).did. or (US-20030041676-\$).did. or (EP-317356-\$ or WO-9815501-\$ or WO-9611878-\$).did. or (US-6336353-\$ or EP-317356-\$ or US-5959297-\$ or US-6346290-\$).did. | USPAT;<br>US-PG;<br>PUB;<br>EPO;<br>DERVENT | 2003/08/05 10:03 |
| 47 | IS&R | 0    | ("55andpiezoelectric").PN.   | USPAT                                       | 2003/08/05 10:04 |
| 48 | IS&R | 0    | ("55andpiezoelectric").PN.   | USPAT                                       | 2003/08/05 10:03 |

|    | Type | Hits | Search Text  | DBs                    | Time Stamp       |
|----|------|------|--|------------------------|------------------|
| 49 | BRS  | 11   | ((US-6260407-\$ or US-6078174-\$ or US-6137300-\$ or US-5225771-\$ or US-5103557-\$ or US-4467271-\$ or US-4811246-\$ or US-5764068-\$ or US-5532942-\$ or US-5520042-\$ or US-4715007-\$ or US-6040193-\$ or US-6045671-\$ or US-6033913-\$ or US-6010616-\$ or US-6004617-\$ or US-5959297-\$ or US-5847283-\$ or US-6265226-\$ or US-6294388-\$).did. or (US-20030041676-\$).did. or (EP-317356-\$ or WO-9815501-\$ or WO-9611878-\$).did. or (US-6336353-\$ or EP-317356-\$ or US-5959297-\$ or US-6346290-\$).did.) and piezoelectric | USPAT                  | 2003/08/05 10:09 |
| 50 | BRS  | 1    | "20030041676"  | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:19 |
| 51 | BRS  | 0    | 324/109.ccls. and ((electrostatic with piezoelectric) with force)  | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:45 |
| 52 | BRS  | 0    | 324/109.ccls. and ((electrostatic same piezoelectric) same force)  | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:22 |
| 53 | BRS  | 9    | 324/\$.ccls. and ((electrostatic with piezoelectric) with force)   | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:23 |
| 54 | BRS  | 0    | 324/109.ccls. and (piezoelectric adj bender)   | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:45 |
| 55 | BRS  | 4    | 324/\$.ccls. and (piezoelectric adj bender)  | USPAT;<br>US-PG<br>PUB | 2003/08/05 10:46 |
| 56 | BRS  | 170  | 324/71.5.ccls.   | USPAT                  | 2003/08/06 09:56 |
| 57 | BRS  | 10   | 324/71.5.ccls. and piezoelectric   | USPAT                  | 2003/08/06 09:57 |
| 58 | BRS  | 0    | (324/71.5.ccls. and piezoelectric) and (mechanical adj properties)   | USPAT                  | 2003/08/06 09:57 |
| 59 | BRS  | 25   | 324/71.1.ccls. and piezoelectric   | USPAT                  | 2003/08/06 09:57 |
| 60 | BRS  | 2    | (324/71.1.ccls. and piezoelectric) and (mechanical adj properties)   | USPAT                  | 2003/08/06 11:02 |

|    | Type | Hits | Search Text  | DBs                             | Time Stamp       |
|----|------|------|--|---------------------------------|------------------|
| 61 | BRS  | 1    | 5034708.pn.  | USPAT                           | 2003/08/06 11:06 |
| 62 | BRS  | 16   | adamian.in.  | USPAT ; US-PG PUB               | 2003/08/06 11:10 |
| 63 | BRS  | 8    | adamian.in. and vahé   | USPAT ; US-PG PUB               | 2003/08/06 11:10 |
| 64 | BRS  | 124  | 73/.ccls. and ((measur\$3 determin\$3) near3 (young\$2 adj modulus))   | USPAT                           | 2004/08/06 16:25 |
| 65 | BRS  | 27   | (US-6010616-\$ or US-4715007-\$ or US-6045671-\$ or US-6004617-\$ or US-6040193-\$ or US-6033913-\$ or US-5847283-\$ or US-5532942-\$ or US-5520042-\$ or US-6265226-\$ or US-6294388-\$ or US-6260407-\$ or US-5959297-\$ or US-6078174-\$ or US-6137300-\$ or US-5103557-\$ or US-5225771-\$ or US-4811246-\$ or US-4467271-\$).did. or (US-20030041676-\$).did. or (EP-317356-\$ or WO-9611878-\$ or WO-9815501-\$).did. or (US-6336353-\$ or US-6346290-\$ or US-5959297-\$ or EP-317356-\$).did.  | USPAT ; US-PG PUB; EPO; DERVENT | 2004/08/06 16:26 |
| 66 | BRS  | 123  | (73/.ccls. and ((measur\$3 determin\$3) near3 (young\$2 adj modulus))) not ((US-6010616-\$ or US-4715007-\$ or US-6045671-\$ or US-6004617-\$ or US-6040193-\$ or US-6033913-\$ or US-5847283-\$ or US-5532942-\$ or US-5520042-\$ or US-6265226-\$ or US-6294388-\$ or US-6260407-\$ or US-5959297-\$ or US-6078174-\$ or US-6137300-\$ or US-5103557-\$ or US-5225771-\$ or US-4811246-\$ or US-4467271-\$).did. or (US-20030041676-\$).did. or (EP-317356-\$ or WO-9611878-\$ or WO-9815501-\$).did. or (US-6336353-\$ or US-6346290-\$ or US-5959297-\$ or EP-317356-\$).did.) | USPAT                           | 2004/08/06 16:38 |
| 67 | BRS  | 35   | (73/.ccls. and ((measur\$3 determin\$3) near3 (young\$2 adj modulus))) and piezoelectric   | USPAT                           | 2004/08/06 16:56 |
| 68 | BRS  | 9    | (73/.ccls. and ((measur\$3 determin\$3) near3 (young\$2 adj modulus))) and (force with piezoelectric)  | USPAT                           | 2004/08/09 11:58 |
| 69 | BRS  | 35   | (73/.ccls. and ((measur\$3 determin\$3) near3 (young\$2 adj modulus))) and piezoelectric   | USPAT                           | 2004/08/06 16:56 |
| 70 | BRS  | 154  | 324/76.49.ccls.  | USPAT                           | 2004/08/09 10:37 |

|    | Type | Hits | Search Text  | DBs   | Time Stamp       |
|----|------|------|--|-------|------------------|
| 71 | BRS  | 1    | 6489776.pn.  | USPAT | 2004/08/09 11:52 |
| 72 | BRS  | 1    | 6438497.pn.  | USPAT | 2004/08/09 11:56 |
| 73 | BRS  | 78   | ("1870412" "3071961" "3151123" "3675475" "3713328" "3798960" "3805598" "3818751" "3849874" "3895513" "3908441" "3933032" "4229979" "4447125" "4517830" "4567774" "4570478" "4599219" "4602501" "4605589" "4680958" "4685328" "4699000" "4715007" "4899581" "4975320" "5092179" "5269190" "5398885" "5437192" "5438863" "5452614" "5517860" "5520042" "5532942" "5723792" "5776359" "5817947" "5847283" "5877428" "5892157" "5922967" "5959297" "5985356" "5999887" "6004617" "6010616" "6013199" "6030917" "6033913" "6034240" "6034775" "6040193" "6043317" "6043363" "6045671" "6050138" "6087181" "6092414" "6124476" "6149882" "6157449" "6175409" "6177528" "6182499" "6187164" "6203726" "6225487" "6225550" "6242623" "6248540" "6260407" "6265226" "6265601" "6268513" "6294388" "6296771" "6650102").PN.  | USPAT | 2004/08/09 11:57 |
| 74 | BRS  | 0    | ("5908981" "5284058" "5245876").pn. and<br>(("1870412" "3071961" "3151123" "3675475" "3713328" "3798960" "3805598" "3818751" "3849874" "3895513" "3908441" "3933032" "4229979" "4447125" "4517830" "4567774" "4570478" "4599219" "4602501" "4605589" "4680958" "4685328" "4699000" "4715007" "4899581" "4975320" "5092179" "5269190" "5398885" "5437192" "5438863" "5452614" "5517860" "5520042" "5532942" "5723792" "5776359" "5817947" "5847283" "5877428" "5892157" "5922967" "5959297" "5985356" "5999887" "6004617" "6010616" "6013199" "6030917" "6033913" "6034240" "6034775" "6040193" "6043317" "6043363" "6045671" "6050138" "6087181" "6092414" "6124476" "6149882" "6157449" "6175409" "6177528" "6182499" "6187164" "6203726" "6225487" "6225550" "6242623" "6248540" "6260407" "6265226" "6265601" "6268513" "6294388" "6296771" "6650102").PN.) | USPAT | 2004/08/09 11:59 |
| 75 | BRS  | 86   | 324/\$.ccls. and piezoelectric.ti.   | USPAT | 2004/08/09 12:47 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp              |
|----|------|------|---|---|-------------------------|
| 76 | BRS  | 35   | (US-6010616-\$ or US-4715007-\$ or US-6045671-\$ or US-6004617-\$ or US-5959297-\$ or US-6040193-\$ or US-6033913-\$ or US-5847283-\$ or US-5520042-\$ or US-5532942-\$ or US-6265226-\$ or US-6294388-\$ or US-6260407-\$ or US-6137300-\$ or US-6078174-\$ or US-5103557-\$ or US-5225771-\$ or US-4811246-\$ or US-4467271-\$ or US-5908981-\$ or US-5635649-\$ or US-5741971-\$ or US-5495771-\$ or US-5284058-\$ or US-5245876-\$ or US-4418573-\$).did. or (US-6489776-\$).did. or (US-20030041676-\$).did. or (WO-9611878-\$ or EP-317356-\$ or WO-9815501-\$).did. or (US-6336353-\$ or US-6346290-\$ or EP-317356-\$ or US-5959297-\$).did.  | USPAT<br>US-PG<br>PUB;<br>EPO;<br>DERWE<br>NT | 2004/<br>08/09<br>12:34 |
| 77 | BRS  | 84   | (324/\$.ccls. and piezoelectric.ti.) not ((US-6010616-\$ or US-4715007-\$ or US-6045671-\$ or US-6004617-\$ or US-5959297-\$ or US-6040193-\$ or US-6033913-\$ or US-5847283-\$ or US-5520042-\$ or US-5532942-\$ or US-6265226-\$ or US-6294388-\$ or US-6260407-\$ or US-6137300-\$ or US-6078174-\$ or US-5103557-\$ or US-5225771-\$ or US-4811246-\$ or US-4467271-\$ or US-5908981-\$ or US-5635649-\$ or US-5741971-\$ or US-5495771-\$ or US-5284058-\$ or US-5245876-\$ or US-4418573-\$).did. or (US-6489776-\$).did. or (US-20030041676-\$).did. or (WO-9611878-\$ or EP-317356-\$ or WO-9815501-\$).did. or (US-6336353-\$ or US-6346290-\$ or EP-317356-\$ or US-5959297-\$).did.)                                   | USPAT   | 2004/<br>08/09<br>12:45 |
| 78 | BRS  | 5    | ((324/\$.ccls. and piezoelectric.ti.) not ((US-6010616-\$ or US-4715007-\$ or US-6045671-\$ or US-6004617-\$ or US-5959297-\$ or US-6040193-\$ or US-6033913-\$ or US-5847283-\$ or US-5520042-\$ or US-5532942-\$ or US-6265226-\$ or US-6294388-\$ or US-6260407-\$ or US-6137300-\$ or US-6078174-\$ or US-5103557-\$ or US-5225771-\$ or US-4811246-\$ or US-4467271-\$ or US-5908981-\$ or US-5635649-\$ or US-5741971-\$ or US-5495771-\$ or US-5284058-\$ or US-5245876-\$ or US-4418573-\$).did. or (US-6489776-\$).did. or (US-20030041676-\$).did. or (WO-9611878-\$ or EP-317356-\$ or WO-9815501-\$).did. or (US-6336353-\$ or US-6346290-\$ or EP-317356-\$ or US-5959297-\$).did.)) and (piezoelectric near3 force) | USPAT   | 2004/<br>08/09<br>12:47 |
| 79 | BRS  | 4208 | piezoelectric.ti.   | USPAT   | 2004/<br>08/09<br>12:47 |
| 80 | BRS  | 507  | piezoelectric.ti. and (piezoelectric near3 force)   | USPAT   | 2004/<br>08/09<br>12:47 |

|    | Type | Hits | Search Text   | DBs   | Time Stamp       |
|----|------|------|---|-------|------------------|
| 81 | BRS  | 249  | (piezoelectric.ti. and (piezoelectric near3 force)), and (piezoelectric near3 electrode)  | USPAT | 2004/08/09 12:48 |
| 82 | BRS  | 161  | ((piezoelectric.ti. and (piezoelectric near3 force)) and (piezoelectric near3 electrode)) and (piezoelectric near3 voltage)   | USPAT | 2004/08/09 15:12 |
| 83 | BRS  | 17   | ((piezoelectric.ti. and (piezoelectric near3 force)) and (piezoelectric near3 electrode)) and (piezoelectric near3 voltage)) and (material near2 property)                                      | USPAT | 2004/08/09 15:11 |
| 84 | BRS  | 5    | (((piezoelectric.ti. and (piezoelectric near3 force)) and (piezoelectric near3 electrode)) and (piezoelectric near3 voltage)) and (material near2 property)) and (piezoelectric near2 actuator) | USPAT | 2004/08/09 15:13 |
| 85 | BRS  | 10   | ("2511624"   "2558563"   "4054808"   "4127788"   "4197479"   "4217781"   "4370583"   "4400642"   "4431934"   "4651046").PN.   | USPAT | 2004/08/09 15:24 |